

ABSTRACT OF THE DISCLOSURE  
DATA BROADCAST METHOD

A method of broadcasting a broadcast data service together with broadcast digital television data as part of a broadcast signal, the broadcast data service comprising a plurality of data portions including data portions having digital data in non-real time, the method comprising, during normal broadcasting, only broadcasting portions of the broadcast data service required to replace previous respective portions which have been changed and broadcasting television data of the broadcast data service as non-real time data, a receiving system having a processor for extracting portions of the broadcast data service available from the broadcast signal, a memory for storing all of the current portions of the broadcast data service and a controller for identifying corresponding extracted and stored portions and for replacing data portions stored in the memory with respective portions extracted from the broadcast signal, the controller further being responsive to a selection signal to cause the memory to output selected portions of the broadcast data service and the processor converting the digital television data of data portions into real time data.